

PATENT ABSTRACTS OF JAPAN

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(21)Application number : **58-011088** (71)Applicant : **SAWAMURA SOHEI**

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(54) STOCK COMPOUND FOR FEED ADDITIVE CONTAINING ACTIVE SOIL BACTERIA

(57)Abstract:

PURPOSE: To provide a stock compound for feed additive, prepared by the fermentative proliferation of soil bacteria, effective to the breeding and health promotion of animals, and capable of suppressing the ill odor of the excrement of the animal and utilizing the excrement as an organic fertilizer.

CONSTITUTION: Bacteria composed of soil bacteria including ammonia oxidation bacteria, nitric acid bacteria, sulfur oxidation bacteria and cellulose decomposing bacteria, are mixed with a culture medium composed mainly of animal blood and rice bran at volume ratios of about 1:100:50

(bacteria:blood:bran), and fermented and proliferated. After the completion of fermentation, the obtained flowable powder is dried to obtain the objective stock component for feed additive. For example, 25g of the stock compound is mixed with 15kg of rice bran, added with about 3l of water, and stirred to obtain a crumbly feed additive, which is added properly to an animal feed.

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APPLICANT : SAWAMURA SOHEI;

INVENTOR : SAWAMURA SOHEI;

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TITLE : STOCK COMPOUND FOR FEED ADDITIVE CONTAINING ACTIVE SOIL BACTERIA

ABSTRACT : PURPOSE: To provide a stock compound for feed additive, prepared by the fermentative proliferation of soil bacteria, effective to the breeding and health promotion of animals, and capable of suppressing the ill odor of the excrement of the animal and utilizing the excrement as an organic fertilizer.

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JP59135845

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- AN - 1984-228324 [37]
- TI - Animal feed additive contg. soil microbes - to promote health and deodorise excrement
- AB - JP59135845 Food additive is prepd. by (a) inoculating soil microbes containing ammonia-oxidising bacteria(=nitrite bacteria), nitrate bacteria and sulphur bacteria, in a culture medium mainly comprising animal blood and rice bran, (b) fermenting the mixt. (c) drying the fermented prod. and (d) processing it to stable powder form. Soil microbes usually contain cellulose-decomposing bacteria, moulds, Streptomyces, iron bacteria, etc. together with above microbes. The soil microbes, animal blood and rice bran are mixed in volumetric proportion of 1:100:50.
- USE/ADVANTAGE - When the additive is given to animals with feed (e.g. 30-50 g/day for a horse, cow, pig, dog, etc. and 2-5 g for a hen) their health can be promoted through the microbial action, and their excrement can be made odourless and good compost can be obtd. easily by mixing the excrement with saw dust, straw, chaff, etc..(0/0)
- IW - ANIMAL FEED ADDITIVE CONTAIN SOIL MICROBE PROMOTE HEALTH DEODORISE EXCREMENT
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- PA - (SAWA-J) SAWAMURA S
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